Index of Claims

| cation |  |  |
|--------|--|--|
|        |  |  |
|        |  |  |

10/688,376

Examiner

David J. Walczak

Applicant(s)/Patent under Reexamination

KLIEGMAN ET AL.

**Art Unit** 

3751

| √ | Rejected |
|---|----------|
| = | Allowed  |

| 1 | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Claim Date |          | Date Claim Date |                     |          |          |  |          |            | 1 1      | Claim    |           |                | D-4-     |          |              |              |        |     |       |          |              |                |          |           |          |          |               |          |   |
|------------|----------|-----------------|---------------------|----------|----------|--|----------|------------|----------|----------|-----------|----------------|----------|----------|--------------|--------------|--------|-----|-------|----------|--------------|----------------|----------|-----------|----------|----------|---------------|----------|---|
|            |          |                 |                     |          |          |  |          | Claim Date |          |          |           |                |          |          |              | Claim        |        |     | Date  |          |              |                |          |           |          |          |               |          |   |
| Final      | Original | 12/18/06        |                     |          |          |  |          | Final      | Original |          |           |                |          |          |              |              |        |     | Final | Original | ;            |                |          |           |          |          |               |          |   |
|            | 1        | V               | 11                  |          |          | $\Box$   | $\top$   |            | 51       | -        |           | $\neg$         | 寸        | _        | $\dashv$     | $\top$       | $\top$ | 1 1 |       | 101      | _            | $\dashv$       | $\dashv$ | $\dashv$  | -        | _        | $\dashv$      | $\dashv$ |   |
|            | 2        | J               |                     |          |          |  | $\top$   |            | 52       |          |           | $\neg \dagger$ |          | 寸        | $\top$       | $\top$       | $\top$ | 1 1 |       | 102      | _            | $\dashv$       | _        | _         |          | +        | $\dashv$      | $\dashv$ | _ |
|            | 3        | 7               | 777                 | 1        |          |  | $\Box$   |            | 53       |          | $\Box$    | T              |          | _        | $\dashv$     | 7            |        | 1   |       | 103      |              | $\exists$      | $\dashv$ | 一         | $\dashv$ | 寸        | ヿ             | 7        | _ |
|            | 4        | V               |                     |          |          |  |          |            | 54       |          | T         | 一              |          |          | $\top$       | $\top$       |        | 1 1 |       | 104      |              |                | T        | $\neg$    | $\neg$   | T        | $\neg$        | $\neg$   | _ |
|            | 5        | V               |                     |          |          |  | $\Box$   |            | 55       |          |           |                |          | 寸        | 1            | 1            |        | 1   |       | 105      |              | $\neg \dagger$ | 寸        | $\exists$ |          | ヿ        | $\dashv$      | ヿ        | _ |
|            | 6        | V               |                     | T        |          |  | $\Box$   |            | 56       |          |           |                |          |          | _            | $\top$       | $\top$ | 1   |       | 106      |              |                |          |           |          |          | ヿ             | $\neg$   |   |
|            | 7        | 7               |                     |          |          |  |          |            | 57       |          |           |                |          |          |              | T            |        | 1   |       | 107      |              |                | ヿ        |           |          |          | ヿ             | $\neg$   | _ |
|            | 8        | ζ.              |                     |          |          |  |          |            | 58       |          |           |                |          | $\neg$   | T            | ┪            | $\neg$ |     |       | 108      |              |                |          |           |          |          |               | ╗        | _ |
|            | 9        | Ţ               |                     |          |          |  |          |            | 59       |          |           |                |          |          | T            | $\top$       | $\top$ | ĺ   |       | 109      |              |                | $\neg$   |           |          |          | $\neg$        | ヿ        | _ |
|            | 10       |                 |                     |          |          |  |          |            | 60       |          |           |                |          |          |              | $\top$       |        | 1   |       | 110      |              |                |          |           |          |          | $\neg$        | ヿ        | _ |
|            | 11       |                 | . [ ]               |          |          |  |          |            | 61       |          |           |                |          | T        |              | T            |        |     |       | 111      |              |                |          |           |          | T        | $\neg$        | T        | _ |
|            | 12       |                 |                     |          |          |  |          |            | 62       |          |           |                |          |          | $\Box$       |              | 1      | ] [ |       | 112      |              |                |          |           |          |          | $\neg$        | $\neg$   |   |
|            | 13       | 7               |                     |          |          | Ш  |          |            | 63       |          |           |                |          |          | $\Box$       | Т            |        | ] [ |       | 113      |              |                |          |           |          |          | $\Box$        | $\neg$   |   |
|            | 14       | 14              |                     |          |          | $\Box$   |          |            | 64       |          |           |                |          | $\Box$   | $oxed{oxed}$ | I            |        | ] [ |       | 114      |              |                |          |           |          |          | T             | ╗        |   |
|            | 15       | 4               | I                   |          |          |  |          |            | 65       |          |           |                |          | $\Box$   | $\Box$       | $oxed{oxed}$ |        |     |       | 115      |              |                | ┚        |           |          |          | $\Box$        | ╗        |   |
|            | 16       | 1               |                     |          |          |  |          |            | 66       |          |           | [              |          |          |              |              |        | ] [ |       | 116      |              |                |          |           |          |          | $\exists$     | コ        |   |
|            | 17       | W               |                     |          |          |  |          |            | 67       |          |           |                |          |          |              |              |        |     |       | 117      |              |                |          |           |          |          |               | $\neg$   |   |
|            | 18       | N               |                     |          |          |  |          |            | 68       |          |           |                |          |          |              | Т            |        |     |       | 118      |              |                | $\Box$   |           |          |          | $\neg$        | $\neg$   |   |
|            | 19       | V               |                     |          |          |  |          |            | 69       |          |           |                |          |          | T            | T            |        |     |       | 119      |              |                | T        | Ī         |          |          | T             | ヿ        |   |
|            | 20       |                 |                     |          |          |  |          |            | 70       |          |           |                |          |          |              |              |        | 1   |       | 120      |              |                | Ī        |           |          | $\Box$   |               | コ        |   |
|            | 21       | 7               |                     |          |          |  |          |            | 71       |          |           | $\Box$         |          |          |              | Т            |        | 1 [ |       | 121      |              |                |          |           |          |          | $\neg$        | コ        |   |
|            | 22       | N               |                     |          |          |  |          |            | 72       |          |           |                |          |          |              |              |        |     |       | 122      |              |                |          |           |          |          | 丁             | $\neg$   | _ |
|            | 23       | W               |                     |          |          |  |          |            | 73       |          |           |                |          |          | П            | Т            |        |     |       | 123      |              |                |          |           |          |          | $\exists$     | П        |   |
|            | 24       | N               |                     |          |          |  |          |            | 74       |          |           |                |          |          |              |              |        | ] [ |       | 124      |              |                |          |           |          |          |               | $\Box$   |   |
|            | 25       | N               |                     |          |          |  |          |            | 75       |          |           |                |          |          |              |              |        |     |       | 125      |              |                |          |           |          |          |               |          |   |
|            | 26       | N               |                     |          |          |  |          |            | 76       |          |           |                |          |          |              |              |        |     |       | 126      |              |                |          |           |          |          |               |          | Ξ |
|            | 27       | J               | $\perp$             |          |          | oxed   | Ш        |            | 77       |          |           |                |          |          |              | $\perp$      |        |     |       | 127      |              |                |          |           |          |          |               |          |   |
|            | 28       | 1               | $\perp \perp \perp$ |          |          | Ш  |          |            | 78       |          |           |                |          |          |              |              |        |     |       | 128      |              |                |          |           |          |          |               |          |   |
|            | 29       | V               | $\perp$             |          |          | Ш  |          |            | 79       |          |           |                |          |          |              | $\perp$      |        |     |       | 129      |              |                |          |           |          |          |               |          |   |
|            | 30       |                 | $\perp$             |          |          | oxdot  |          |            | 80       |          |           |                |          |          | $\perp$      | $\perp$      |        |     |       | 130      |              |                |          |           |          |          |               |          |   |
|            | 31       |                 | -                   | _        | <u> </u> |  | ш        |            | 81       |          |           |                |          |          |              | $\perp$      |        |     |       | 131      |              |                |          |           |          |          |               |          |   |
|            | 32       |                 | $\bot$              | _ _      | 1_       | <u> </u>   |          |            | 82       |          |           | _              |          |          | $\perp$      | 1            |        |     |       | 132      |              |                |          |           |          |          | ightharpoonup |          |   |
|            | 33       | Ш               | $\perp \perp$       |          | ↓_       |  | 44       |            | 83       | L        |           | $\dashv$       |          | _        | $\perp$      | $\perp$      |        |     |       | 133      |              |                |          |           |          |          |               |          |   |
|            | 34       | Ш               | $\perp$             |          | <b>_</b> | <del>                                     </del> | 44       | <u> </u>   | 84       | _        | Ш         |                |          | _        | $\perp$      | 4            |        |     |       | 134      | <u> </u>     | Ц              | _        |           |          |          | ightharpoonup |          |   |
|            | 35       |                 | $\dashv$            |          | 4_       | <del>                                     </del> | $\sqcup$ |            | 85       | _        |           |                | _        |          | $\perp$      | $\downarrow$ |        |     |       | 135      | <u> </u>     | Ц              | _        |           |          | Ц        | $\dashv$      | _        |   |
|            | 36       | $\sqcup$        |                     |          | 4_       |  | $\sqcup$ | <u> </u>   | 86       |          |           |                | _        | _        | $\bot$       | $\perp$      | 4_     |     |       | 136      | L            |                | _        |           |          |          | 4             |          |   |
|            | 37       | Щ               | $\dashv$            | $\perp$  | 1_       | <del>     </del>                                 | $\bot$   | <u> </u>   | 87       | <u> </u> |           | _              |          | _        | $\bot$       | $\perp$      |        |     |       | 137      | $oxed{oxed}$ | $\sqcup$       | _        |           | $\Box$   |          | $\dashv$      |          |   |
|            | 38       | Ш               | $\dashv$            | $\perp$  | -        | $\vdash$   | $\bot$   | <u> </u>   | 88       | <u> </u> | Ш         | _              | _        | 4        | $\perp$      | $\perp$      |        |     |       | 138      | $oxed{oxed}$ | Ш              | _        |           |          | _        | $\dashv$      |          |   |
|            | 39       |                 | -                   |          | 4-       | <del>                                     </del> | +        | <b>⊢</b>   | 89       | <u> </u> | $\square$ |                |          | 4        | $\bot$       | $\bot$       |        |     |       | 139      |              | $\sqcup$       |          |           |          | _        | $\dashv$      | _        | _ |
| <u> </u>   | 40       | Н               | $\dashv$            | $\dashv$ | +        | $\vdash \vdash$                                  | +        | <u> </u>   | 90       | $\vdash$ | $\sqcup$  |                | _        | _        | _            | 4            | _      |     |       | 140      | <u> </u>     | $\sqcup$       | _        | _         |          |          | $\dashv$      | _        |   |
|            | 41       | Н               | $\dashv$            | _        | +-       | $\vdash$   | +        | <u> </u>   | 91       | ⊢-       | $\sqcup$  |                |          |          | _            | $\perp$      | -      |     |       | 141      | <u> </u>     | $\sqcup$       | 4        |           |          | $\sqcup$ | _             | 4        |   |
| <u> </u>   | 42       | $\vdash$        |                     |          | +        |  | +        | <u> </u>   | 92       | $\vdash$ |           | _              | _        | _        | 4            | 4            | +-     |     |       | 142      | <u> </u>     | $\sqcup$       | 4        |           |          | _        | $\dashv$      | _        |   |
|            | 43       | Н               | $\dashv$            | $\dashv$ | +-       | $\vdash$   | +        |            | 93       | $\vdash$ | $\sqcup$  |                | 4        | 4        | _            | 4            |        |     |       | 143      | <u> </u>     | $\sqcup$       | _        | _         |          | $\sqcup$ | 4             | $\dashv$ |   |
|            | 44       | Н               | $\dashv$            | $\dashv$ | ₩        | $\vdash \vdash$                                  | +        |            | 94       | $\vdash$ | $\sqcup$  | _              | 4        | 4        | _            | 4            |        |     |       | 144      | <u> </u>     | $\sqcup$       | _        | _         |          |          | 4             | _        |   |
| <u> </u>   | 45       | $\sqcup$        |                     |          | +        | - -  | 4-4      | <u> </u>   | 95       | <u> </u> |           | _              | _        | _        | _            | +            |        |     |       | 145      | $\vdash$     |                | 4        |           |          |          | $\dashv$      | 4        |   |
|            | 46       | Н               | $\dashv$            | _        | +        | -  | 4-4      | <u> </u>   | 96       | _        | $\Box$    | _              | _        | 4        |              | 4            |        |     |       | 146      | <u> </u>     | $\sqcup$       | 4        | -         |          |          | $\dashv$      | _        |   |
|            | 47       | Ш               | $\dashv$            |          | ┼        | $\vdash \vdash$                                  |          | <u> </u>   | 97       |          | -         |                | _        | -        | +            | 4            | -      |     |       | 147      | $\vdash$     | $\sqcup$       | 4        | _         | _        | -1       | $\dashv$      | 4        | _ |
| <u> </u>   | 48       | $\vdash \vdash$ |                     |          | +        | ╀┼   | +        |            | 98       | ⊢        | $\sqcup$  | _              | $\dashv$ | -        | _            | - -          |        |     |       | 148      | $\vdash$     | $\sqcup$       | 4        | _         |          | _        | 4             | _        |   |
| <u> </u>   | 49       | $\square$       |                     |          | -        | $\vdash \vdash$                                  | +        |            | 99       | <u> </u> |           | _              | -        | $\dashv$ | 4            | 4            |        |     |       | 149      | Ш            | $\sqcup$       | _        | _         |          | $\Box$   | $\dashv$      | $\dashv$ |   |
|            | 50       |                 |                     | l_       | Л.       |  |          |            | 100      | L        |           |                |          |          | $\perp$      |              |        | J   |       | 150      | L            | ot             |          |           |          |          | $\perp$       |          | _ |

| CI       | aim   | Date                                |          |          |          |          |          |          |              |            |  |  |  |  |
|----------|---|-------------------------------------|----------|----------|----------|----------|----------|----------|--------------|------------|--|--|--|--|
|          | I   |                                     |          |          |          |          |          |          |              |            |  |  |  |  |
| <u>a</u> | Original  |                                     |          |          |          |          |          |          |              |            |  |  |  |  |
| Final    | Ē   |                                     |          |          |          |          |          |          |              |            |  |  |  |  |
|          | 0   |                                     |          |          |          |          |          |          |              |            |  |  |  |  |
|          | 101   | _                                   |          |          |          | -        | _        |          |              |            |  |  |  |  |
|          | 101<br>102  | _                                   | _        | $\vdash$ |          |          | $\vdash$ | _        |              | H          |  |  |  |  |
|          | 103   |                                     |          | _        | $\vdash$ |          | $\vdash$ | $\vdash$ | $\vdash$     |            |  |  |  |  |
|          | 104   |                                     |          | -        | -        | $\vdash$ | $\vdash$ | _        |              | $\vdash$   |  |  |  |  |
|          | 105   | _                                   |          |          |          |          | Г        |          |              |            |  |  |  |  |
|          | 106   |                                     | Г        |          |          |          | $\vdash$ |          |              | Н          |  |  |  |  |
|          | 107   | _                                   |          |          |          |          |          |          | _            | _          |  |  |  |  |
|          | 108   |                                     |          |          |          |          |          | _        |              | П          |  |  |  |  |
|          | 103<br>104<br>105<br>106<br>107<br>108<br>109               |                                     |          |          |          |          |          |          | Г            | П          |  |  |  |  |
|          | 1110  |                                     |          |          |          |          |          |          |              | Н          |  |  |  |  |
|          | 111   |                                     |          |          |          |          |          |          |              |            |  |  |  |  |
|          | 112   |                                     |          |          |          |          |          | $\vdash$ |              | $\Box$     |  |  |  |  |
|          | 111<br>112<br>113   |                                     |          |          |          |          |          |          |              | П          |  |  |  |  |
|          | 114   |                                     |          |          |          |          |          |          |              | П          |  |  |  |  |
|          | 115   |                                     |          |          |          |          |          |          | Г            | $\Box$     |  |  |  |  |
|          | 116   |                                     |          |          |          |          |          | Г        | Г            | П          |  |  |  |  |
|          | 114<br>115<br>116<br>117<br>118<br>119<br>120<br>121        |                                     |          |          |          |          |          |          | Г            |            |  |  |  |  |
|          | 118   |                                     |          | <u> </u> |          |          |          |          |              |            |  |  |  |  |
|          | 119   |                                     |          |          |          |          |          |          |              |            |  |  |  |  |
|          | 120   |                                     |          |          |          |          |          |          |              |            |  |  |  |  |
|          | 121   |                                     |          |          |          |          |          |          |              |            |  |  |  |  |
|          | 122   |                                     |          | <u> </u> |          |          |          |          |              |            |  |  |  |  |
|          | 122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 |                                     |          |          |          |          |          |          |              |            |  |  |  |  |
|          | 124   |                                     |          |          |          |          |          |          |              |            |  |  |  |  |
|          | 125   |                                     |          |          |          |          |          |          |              |            |  |  |  |  |
|          | 126   |                                     |          |          |          |          |          |          |              |            |  |  |  |  |
|          | 127   |                                     |          |          |          |          |          |          |              |            |  |  |  |  |
|          | 128   |                                     |          |          |          |          |          |          |              |            |  |  |  |  |
|          | 129   |                                     |          |          |          |          |          |          |              |            |  |  |  |  |
|          | 130   |                                     |          |          |          |          |          |          |              |            |  |  |  |  |
|          | 131   |                                     |          |          |          |          |          |          |              |            |  |  |  |  |
|          | 132   |                                     |          |          |          |          |          |          |              |            |  |  |  |  |
|          | 133<br>134<br>135   |                                     |          | <u> </u> |          |          |          | <u></u>  | L_           | Ш          |  |  |  |  |
| L        | 134   | <u> </u>                            | L        | <u> </u> | L_       | L_       |          |          | <u> </u>     | <u>L.</u>  |  |  |  |  |
|          | 135   | L_                                  | <u> </u> |          | <u> </u> |          |          | ļ        | L_           | L          |  |  |  |  |
|          | 136<br>137<br>138<br>139                                    | Щ                                   | <u> </u> | <u> </u> |          |          |          | L.       | L.           | Ш          |  |  |  |  |
| ļ        | 137   | $oxed{oxed}$                        | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u></u>  |          | <u> </u>     | Щ          |  |  |  |  |
|          | 138   | $oxed{oxed}$                        | <u> </u> | <u> </u> | L        | L        |          | _        | $oxed{oxed}$ | Ш          |  |  |  |  |
|          | 139   | Ш                                   | <u> </u> | L        | L_       | <u> </u> | <u> </u> | _        | L            |            |  |  |  |  |
| <u> </u> | 140   | L_                                  | L.       | <u> </u>     | Щ          |  |  |  |  |
| ļ        | 141   | _                                   | <u> </u> |          | <u> </u>     | Щ          |  |  |  |  |
| <b>_</b> | 142   | <u> </u>                            |          | <u> </u> | <u> </u> | <u> </u> | _        | _        | <u> </u>     | $\sqcup$   |  |  |  |  |
| <u> </u> | 143   | <u> </u>                            | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> |              | <u> </u>   |  |  |  |  |
| ļ        | 144   | L_                                  | <u> </u> |          | <u> </u>     |            |  |  |  |  |
|          | 145   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | _        | <u> </u> |          | ļ        | _        | L            | Щ          |  |  |  |  |
| <u> </u> | 146   | <u> </u>                            | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _        | <u> </u>     | lacksquare |  |  |  |  |
| <b>_</b> | 147   | $\vdash$                            | <u> </u> | <u> </u> | <u> </u> |          |          | <u> </u> | <u> </u>     | $\square$  |  |  |  |  |
| <u> </u> | 148   | oxdot                               | _        |          | Щ.       | <u> </u> | <u> </u> | <u> </u> | <u> </u>     | Ш          |  |  |  |  |
| <u></u>  | 149   | Щ                                   |          |          | $\vdash$ | <u> </u> | <u> </u> | <u> </u> |              | Щ          |  |  |  |  |
|          | 150   |                                     |          |          |          |          |          |          | j            | ıl         |  |  |  |  |